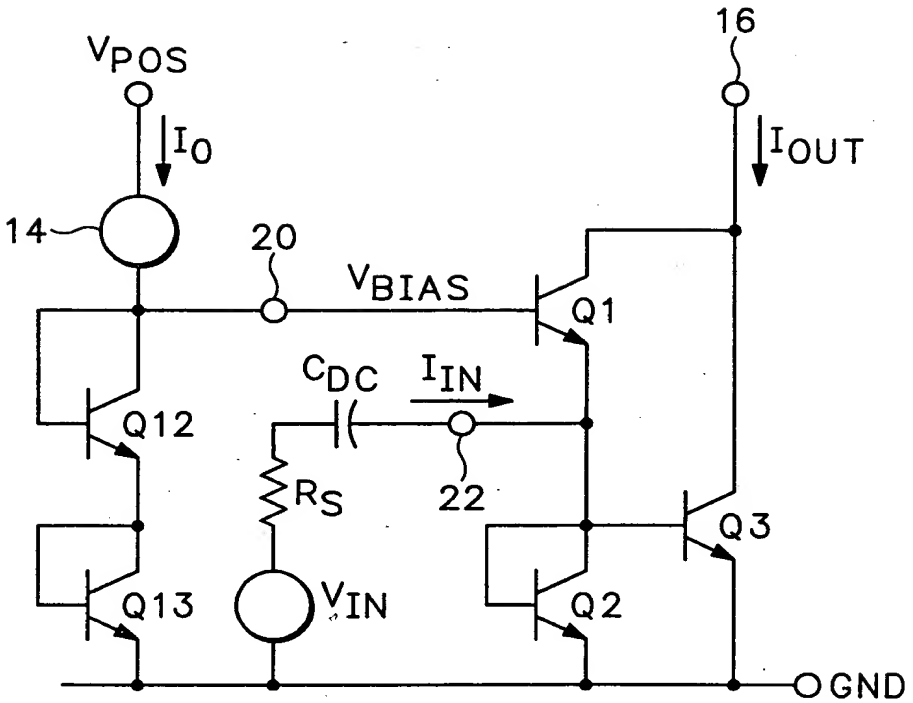
VPOS
I0
16
IOUT
14
20
VBIAS
Q1
CDC
IIN
Q12
RS
22
Q3
Q13
VIN
Q2
GND

FIG.1

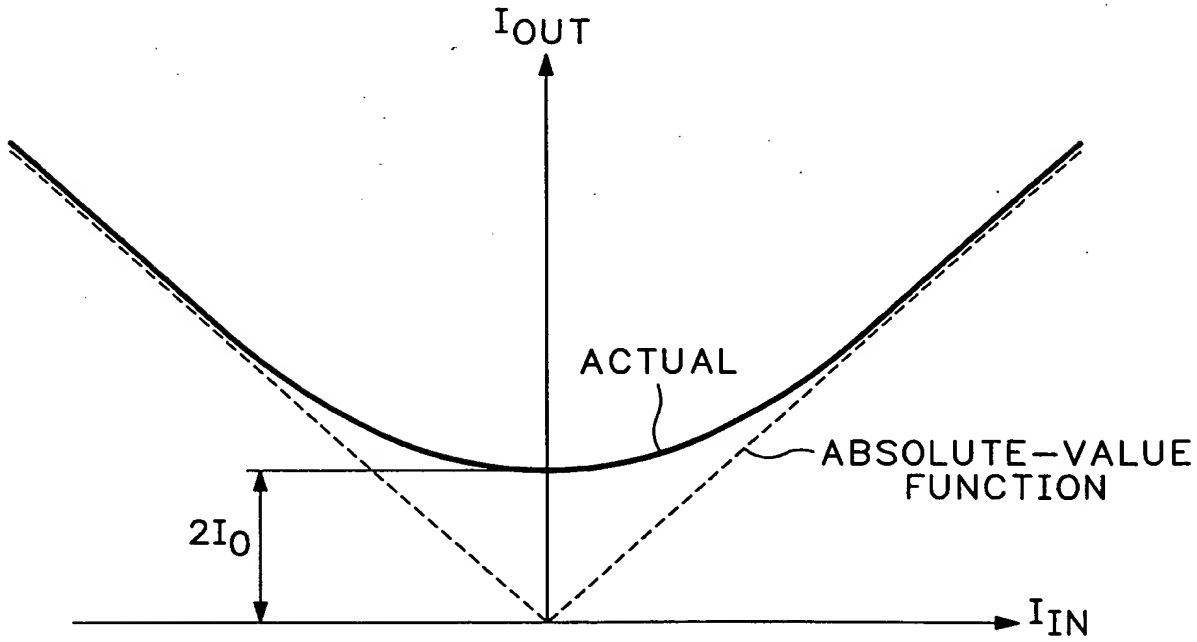
IOUT
ACTUAL
ABSOLUTE-VALUE
FUNCTION
2I0
IIN

FIG.2

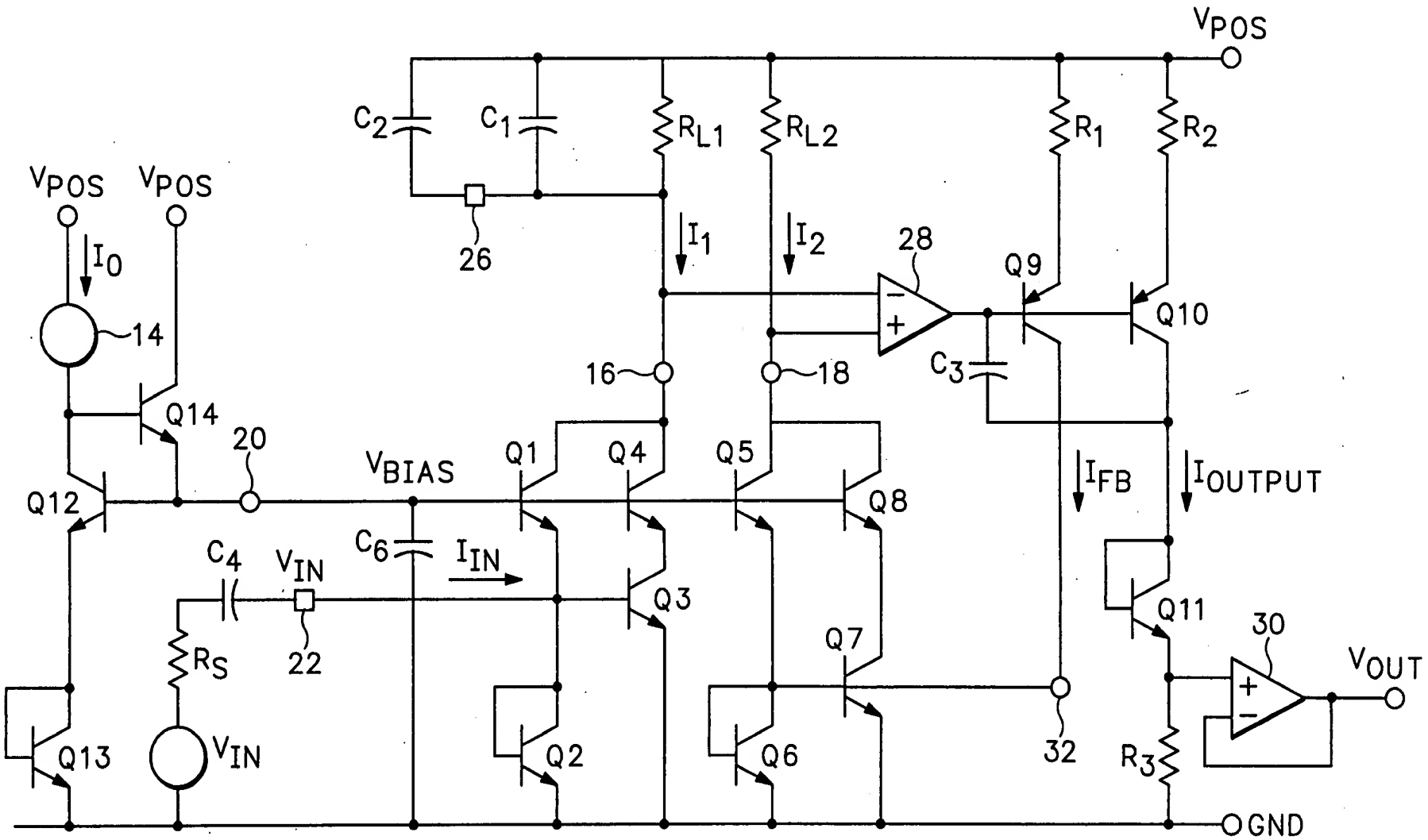

FIG.3

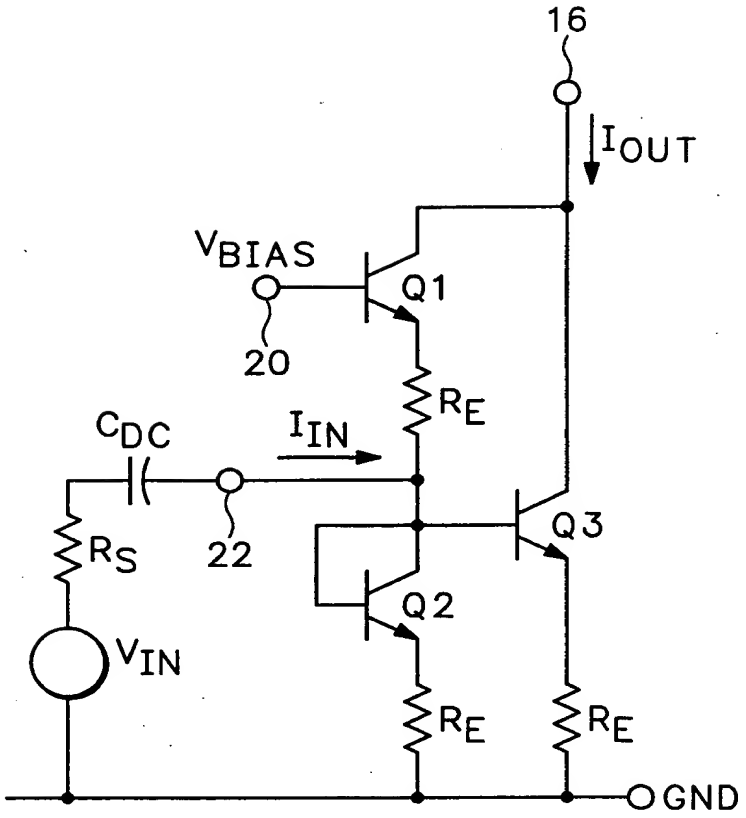
16
IOUT
VBIAS
Q1
20
RE
CDC
IIN
Q3
RS
22
Q2
VIN
RE
RE
GND

FIG.4

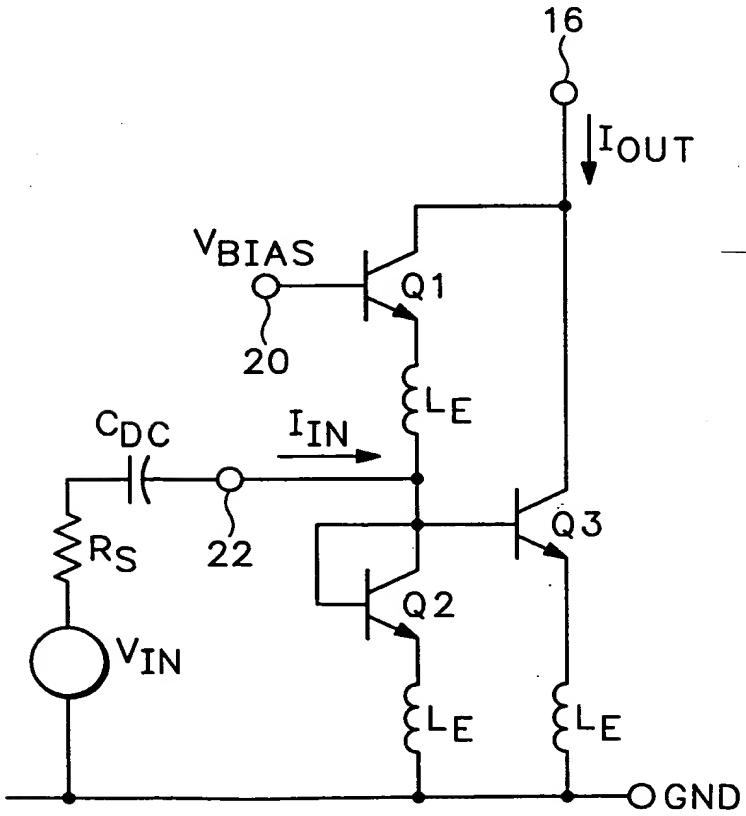
16
IOUT
VBIAS
Q1
20
LE
CDC
IIN
Q3
RS
22
Q2
VIN
LE
LE
GND

FIG.5

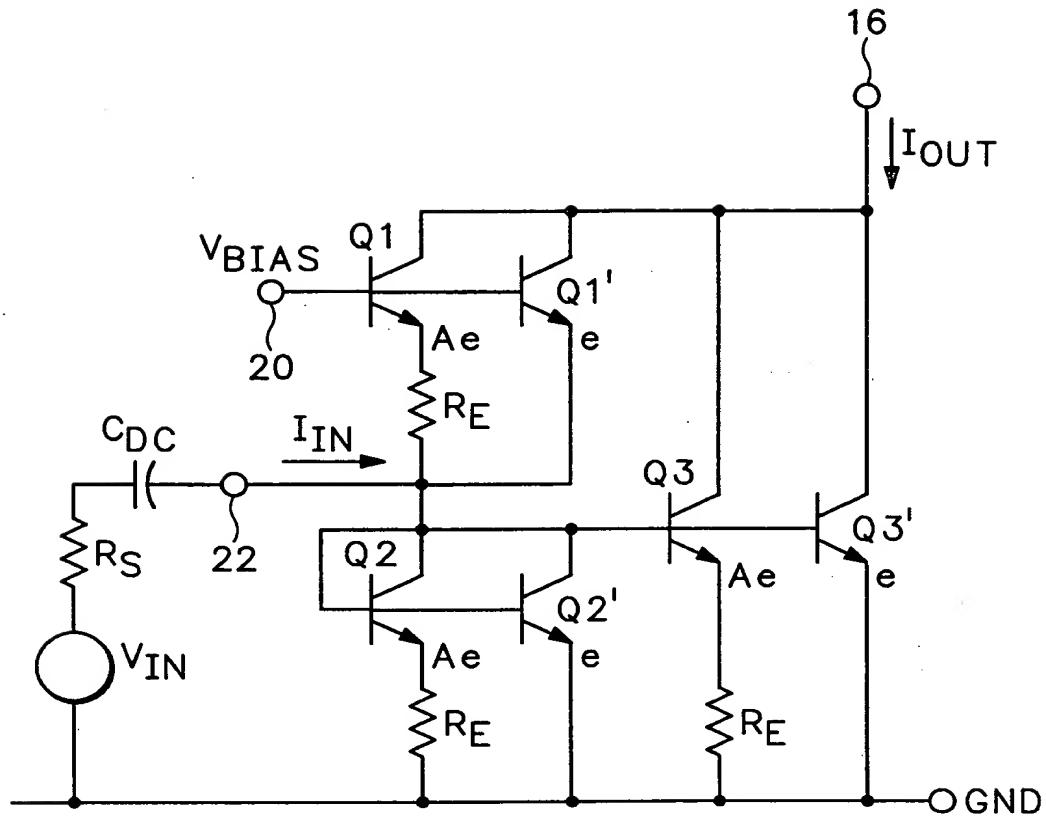

FIG.6

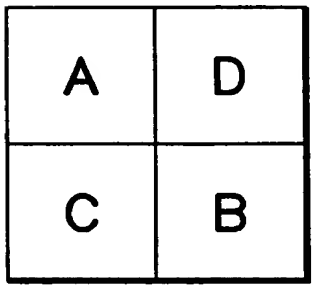

FIG.8

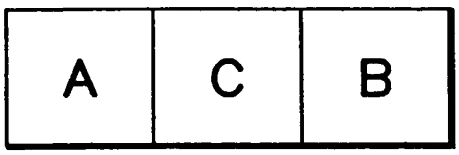

FIG.9

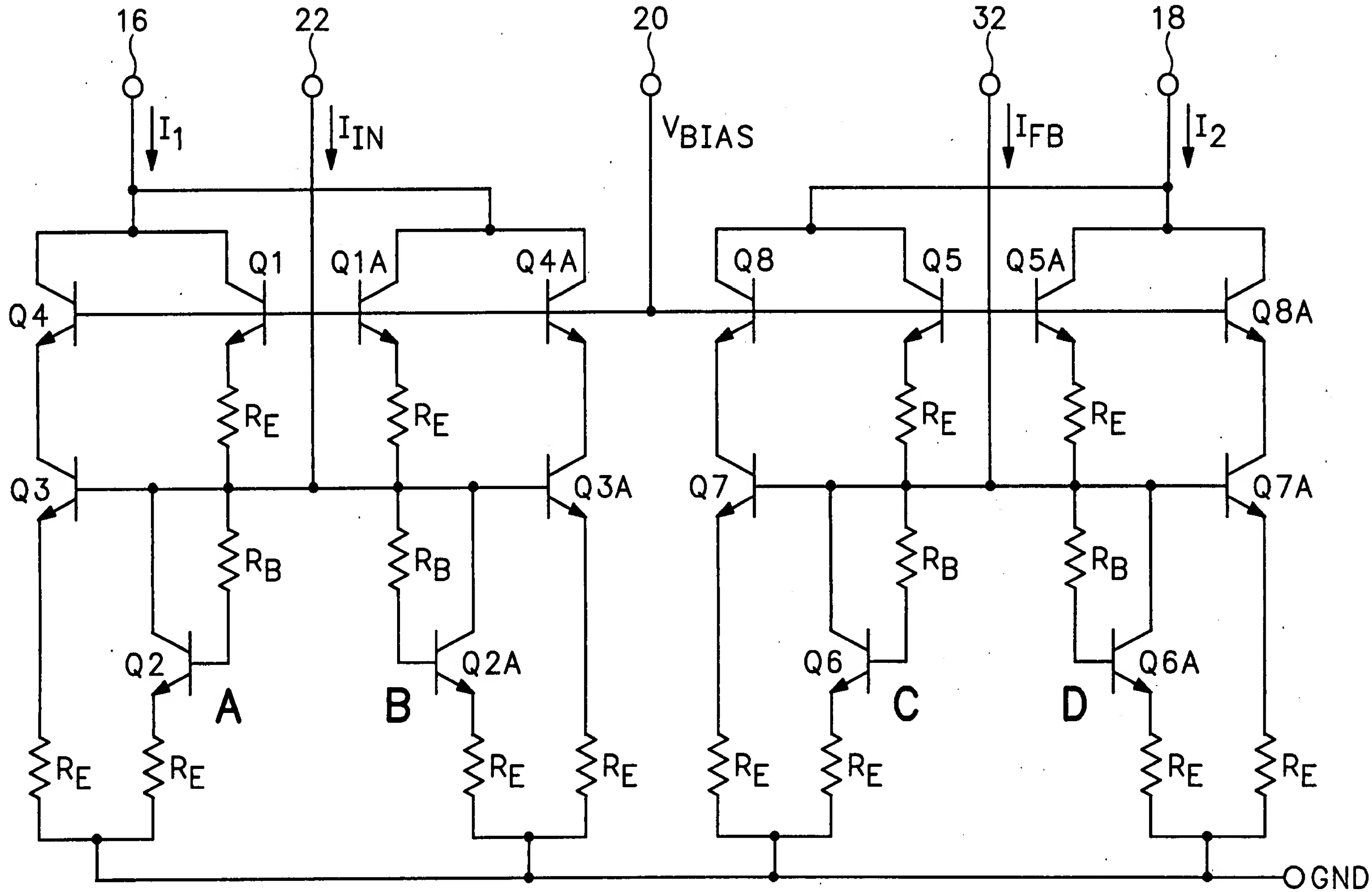
16
22
20
32
18
I_1
I_{IN}
V_{BIAS}
I_{FB}
I_2
Q1
Q1A
Q4A
Q8
Q5
Q5A
Q4
Q8A
Q3
Q3A
Q7
Q7A
Q2
Q2A
Q6
Q6A
A
B
C
D
R_E
R_B
GND

FIG.7

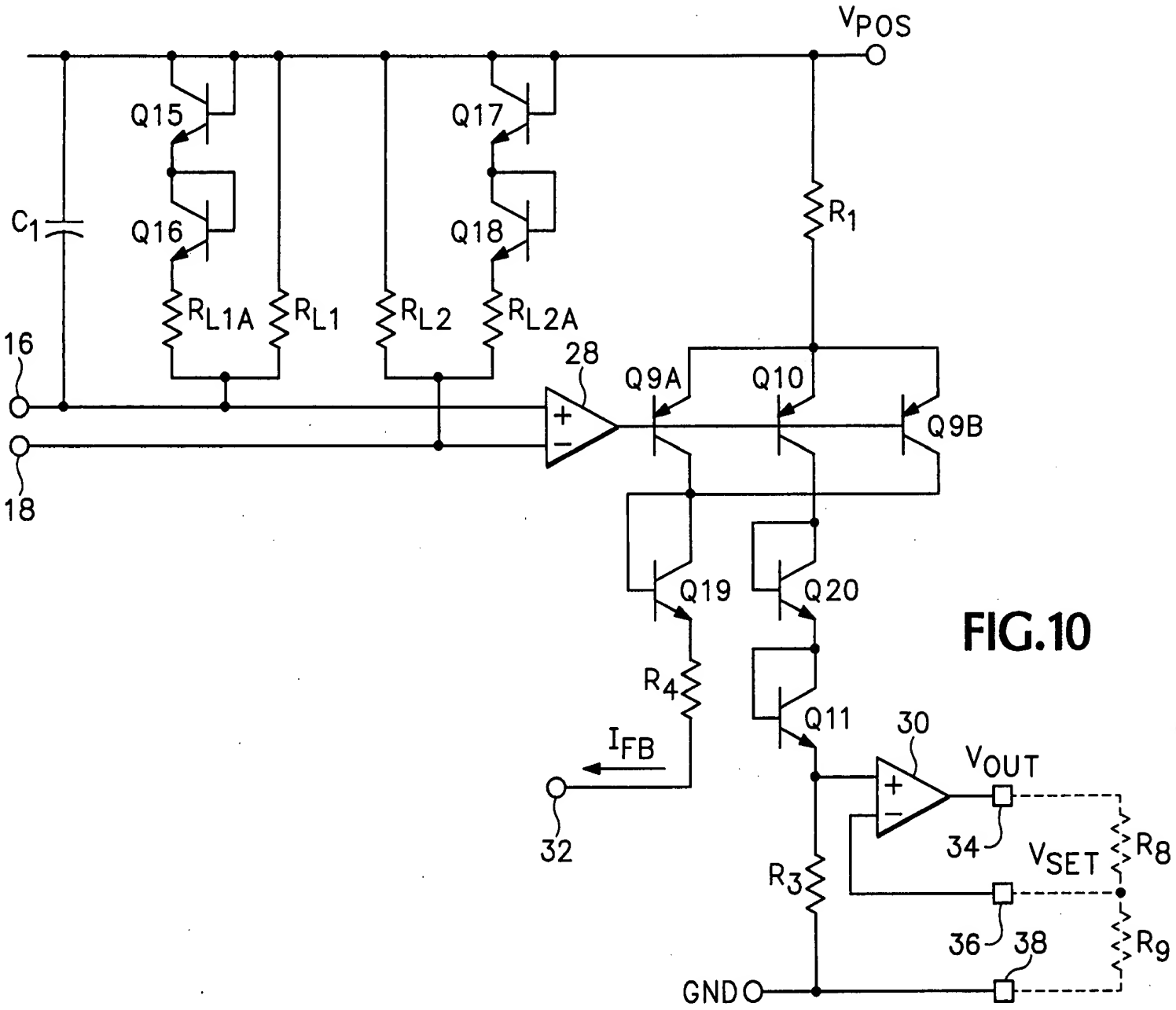

FIG.10

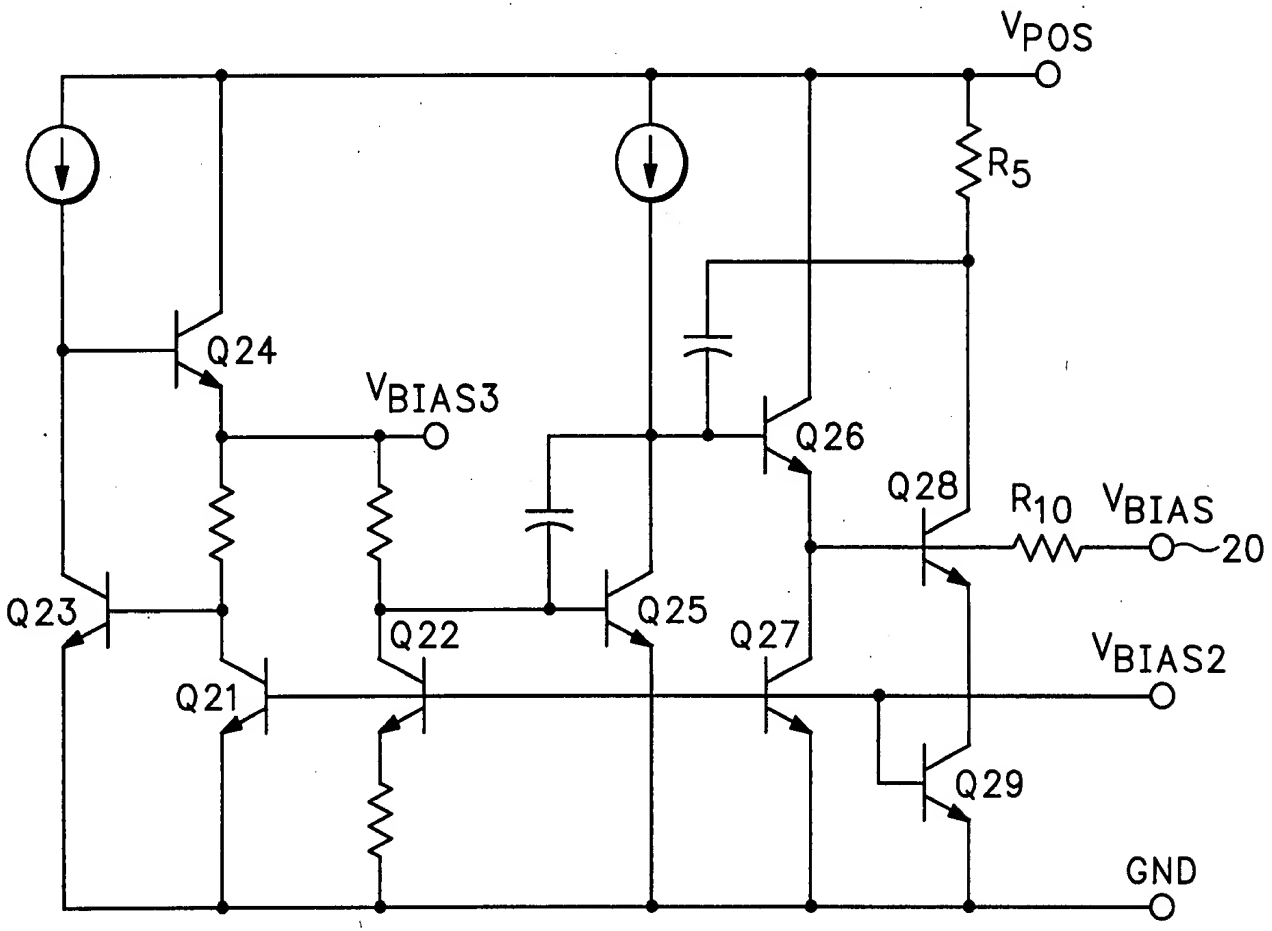

FIG.11

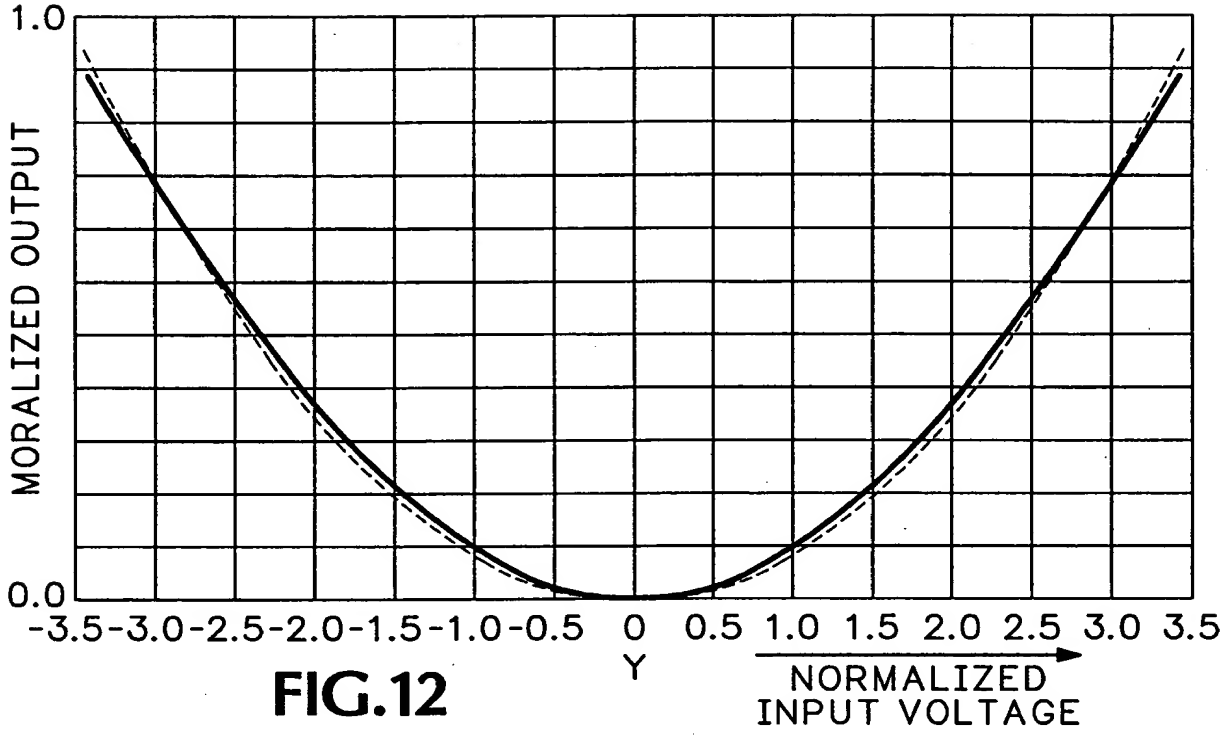
1.0
MORALIZED OUTPUT
0.0
-3.5-3.0-2.5-2.0-1.5-1.0-0.5 0 0.5 1.0 1.5 2.0 2.5 3.0 3.5
Y
NORMALIZED
INPUT VOLTAGE

FIG.12

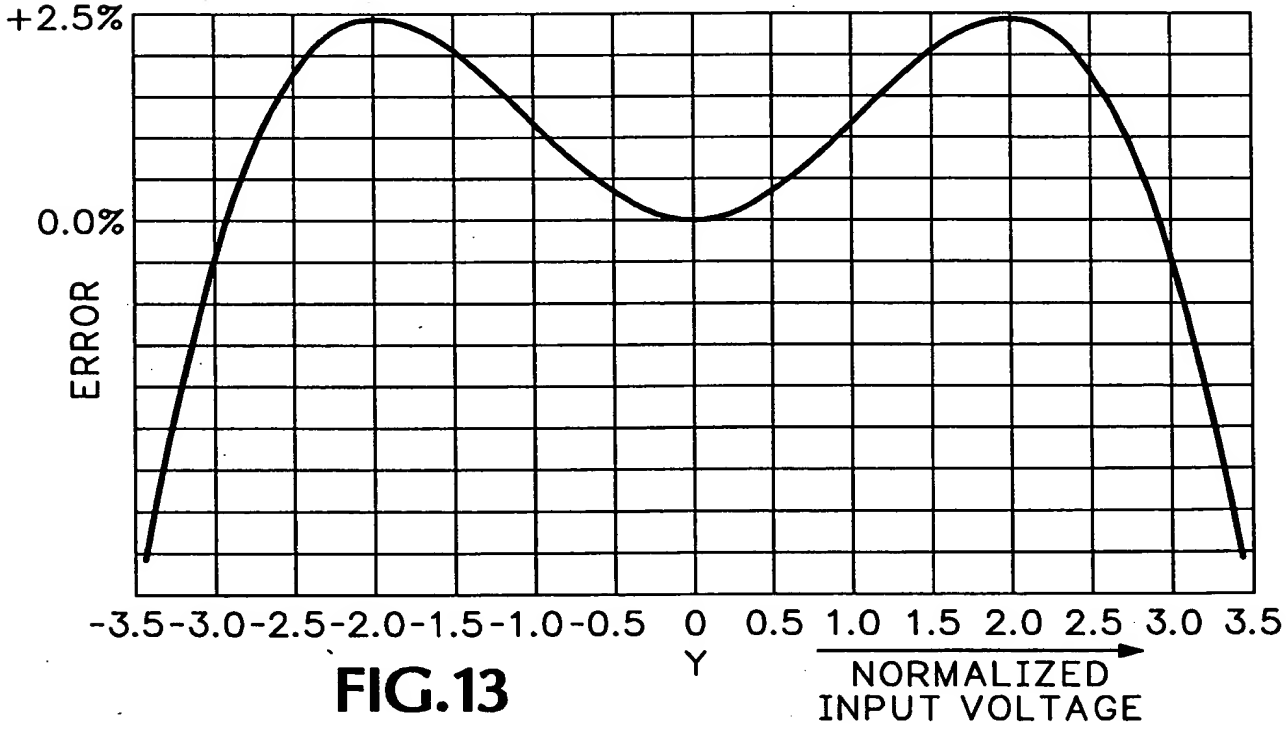
+2.5%
0.0%
ERROR
-3.5-3.0-2.5-2.0-1.5-1.0-0.5 0 0.5 1.0 1.5 2.0 2.5 3.0 3.5
Y
NORMALIZED
INPUT VOLTAGE

FIG.13

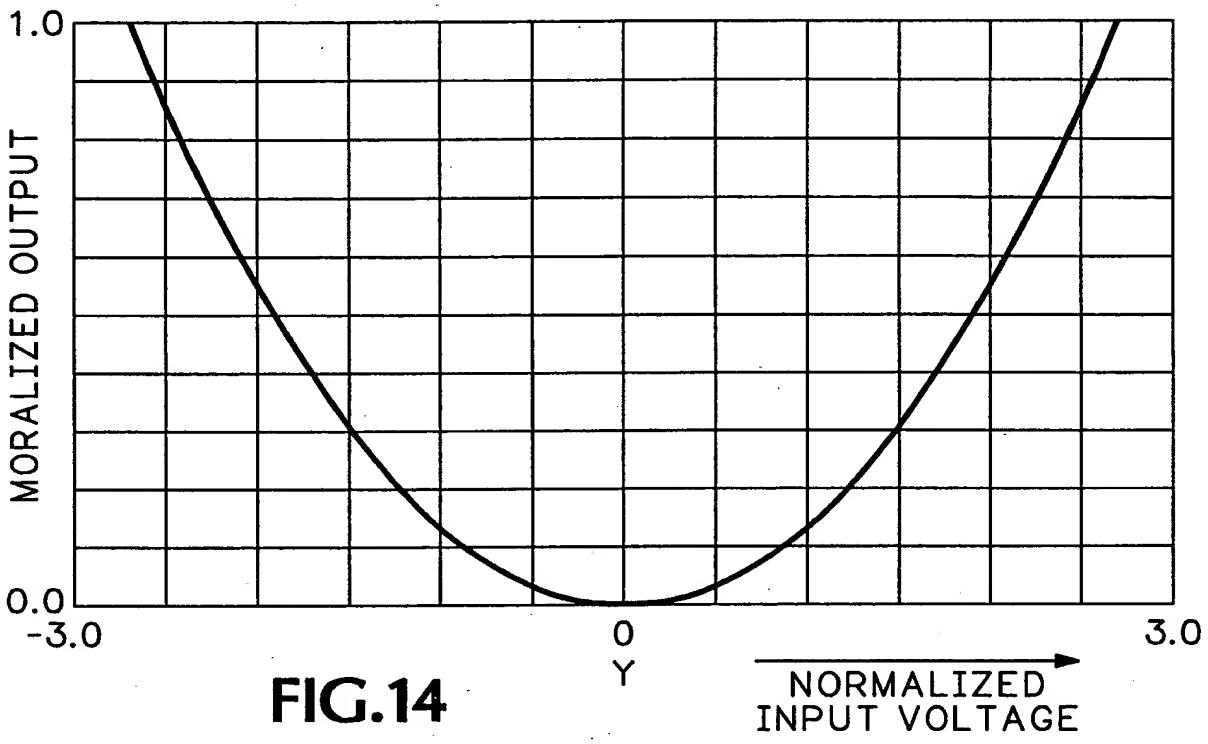
1.0
MORALIZED OUTPUT
0.0
-3.0
0
Y
3.0
NORMALIZED
INPUT VOLTAGE

FIG.14

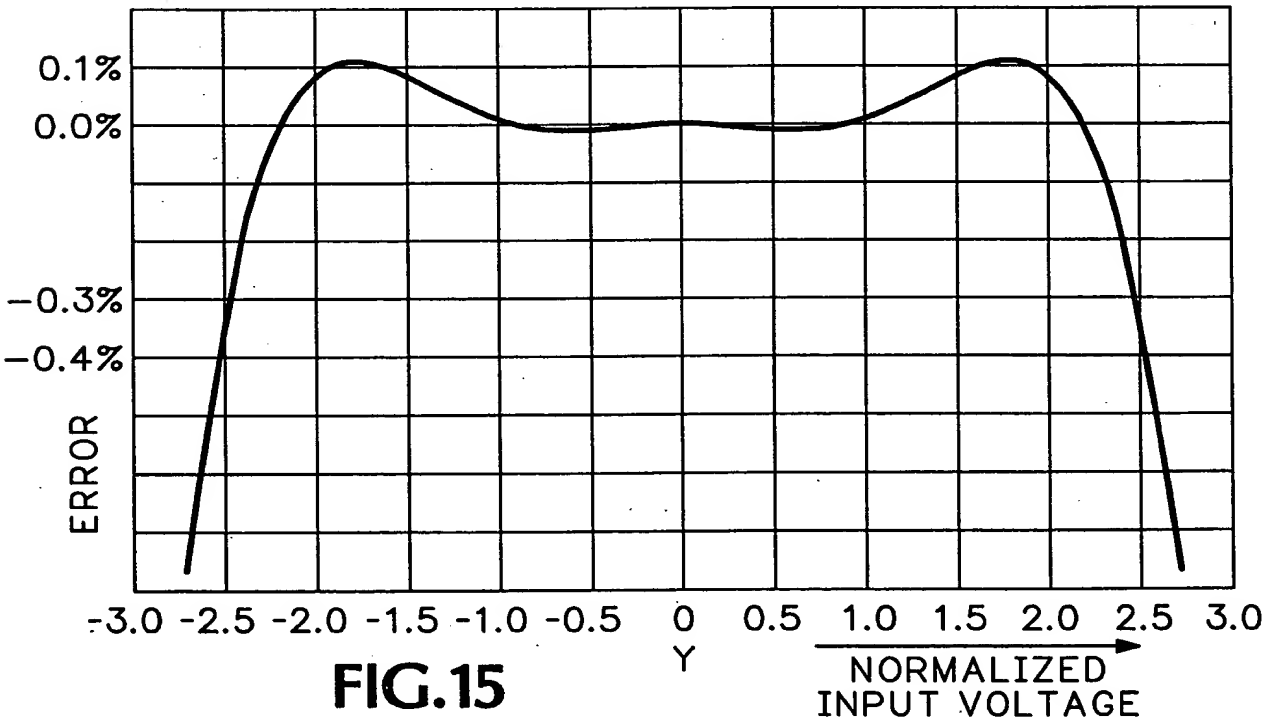
0.1%
0.0%
−0.3%
−0.4%
ERROR
-3.0 -2.5 -2.0 -1.5 -1.0 -0.5 0 0.5 1.0 1.5 2.0 2.5 3.0
Y
NORMALIZED
INPUT VOLTAGE

FIG.15

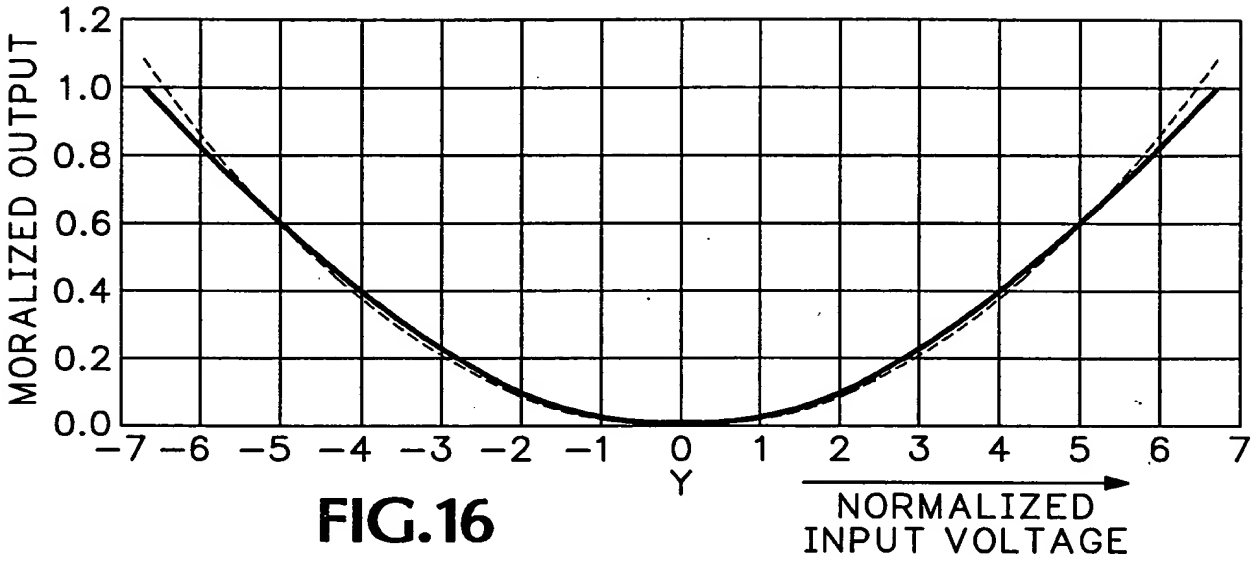
MORALIZED OUTPUT
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−7 −6 −5 −4 −3 −2 −1 0 1 2 3 4 5 6 7
Y
NORMALIZED
INPUT VOLTAGE

FIG.16

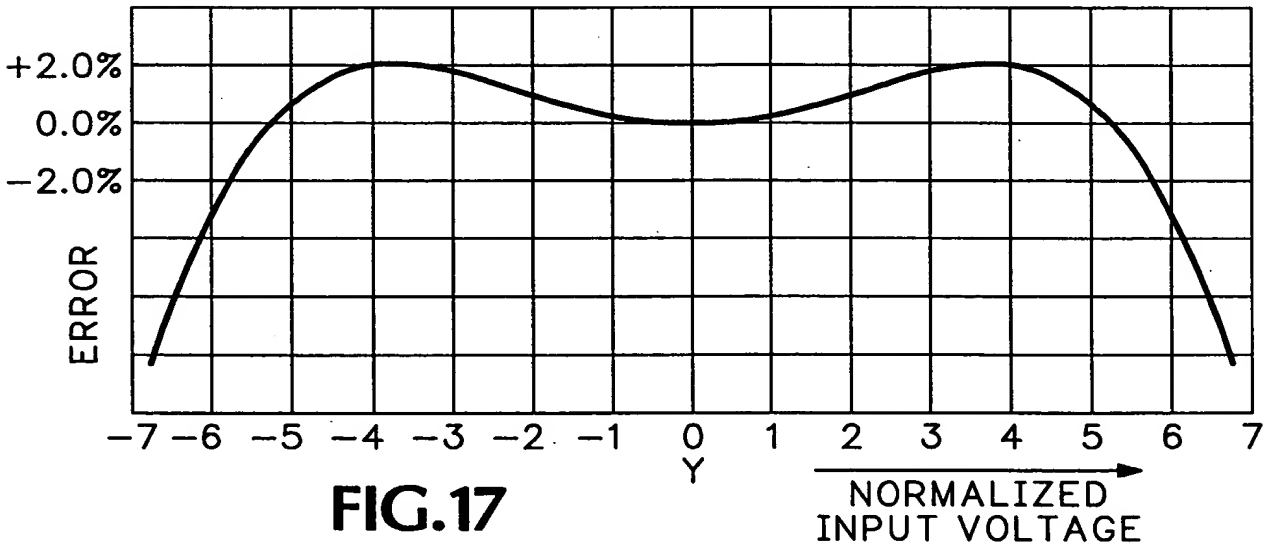
+2.0%
0.0%
−2.0%
ERROR
−7 −6 −5 −4 −3 −2 −1 0 1 2 3 4 5 6 7
Y
NORMALIZED
INPUT VOLTAGE

FIG.17

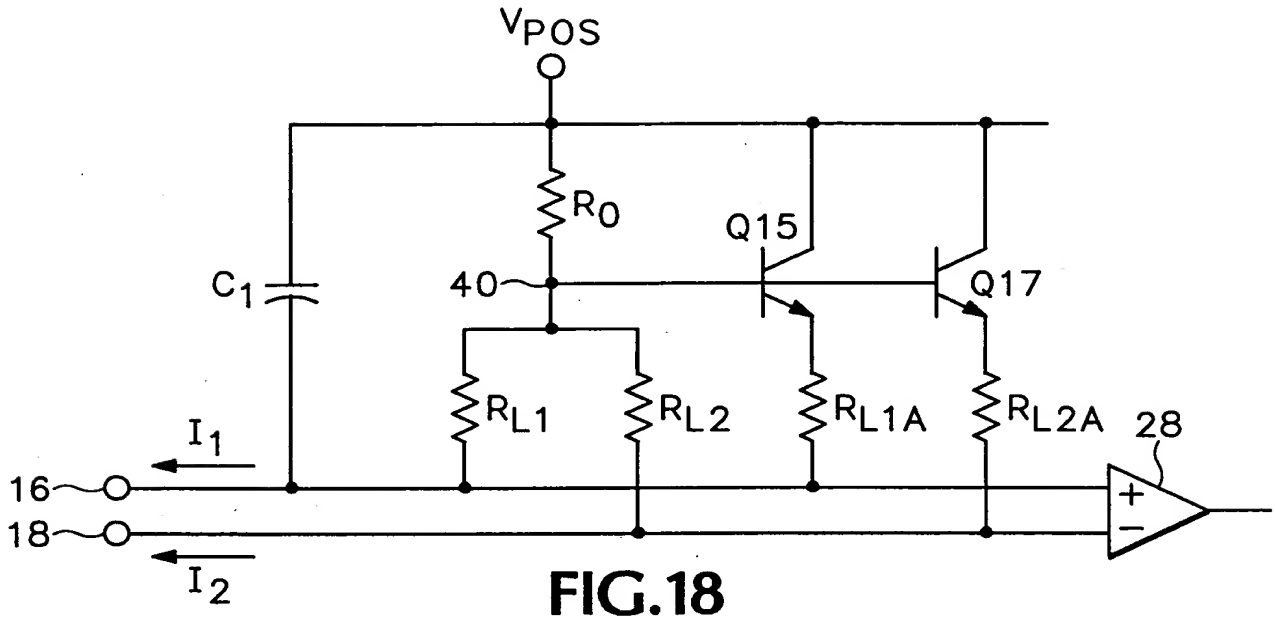

FIG.18